# living green ENERGY CONSERVATION TIPS



The Department of Environmental Quality and its employees would like to share these conservation tips that will help you save money and protect the environment. Protecting the environment is everyone's responsibility and we should all chip in to do our part. By working together, we can make a difference.

# BE THE SOLUTION

### For Consumers:

- 1. In the winter, turn your thermostats down to 68 degrees or below. Reduce the setting to 55 degrees before going to sleep or when leaving for the day. (For each 1 degree you turn down the thermostat in the winter, you'll save up to 5 percent on your heating costs.)
- 2. Turn off and un-plug non-essential lights and appliances. The electricity generated by fossil fuels for a single home puts more carbon dioxide into the air than two average cars!
- 3. Avoid running large appliances such as washers, dryers, and electric ovens during peak energy demand hours from 5 a.m. to 9 a.m. and 4 p.m. to 7 p.m.
- 4. Close shades and blinds at night to reduce the amount of heat lost through windows. This also applies during the day for warm climates.
- 5. Buy Energy Star appliances, products and lights.

### For Business:

- 1. In the winter, turn your thermostat down to 68 degrees or below. Reduce the setting to 55 degrees at the end of the day. (For each 1 degree you turn down the thermostat in the winter, you'll save up to 5 percent on your heating costs.)
- 2. Turn off all unnecessary lights, especially in unused offices and conference rooms and turn down remaining lighting levels where possible.

- 3. Set computers, monitors, printers, copiers and other business equipment to their energy saving feature and turn them off at the end of the day.
- 4. Minimize energy usage during peak demand hours from 5 a.m. to 9 a.m. and 4 p.m. to 7 p.m.
- 5. Buy Energy Star appliances, products, and lights.
- 6. Consider placing outdoor signs on a timer so they only run until 1 am, saving electricity during non-peak hours.

### Tips for Kids and Teachers:

- 1. Choose an energy monitor for your classroom every week who will make sure that energy is being used properly.
- 2. At home, hold a ribbon up to the edges of windows and doors. If it blows, you've found a leak. Tell your parents.
- 3. When you leave the room, turn off the light.



### **HEATING AND COOLING TIPS**

# **Heating Tips**

- Heating is the single biggest energy use in homes. A well-maintained heating system will hold down fuel costs and provide reliable comfort. Check the filters in your warm air heating system monthly and replace or clean them when they become dirty. Have your heating system checked periodically by a licensed professional.
- Proper insulation in walls, ceilings and floors also significantly reduces the loss of heat to the outdoors. Insulation will pay for itself in fuel cost savings and home comfort.
- Storm windows and doors are big energy and money savers. They can reduce heating costs by as much as 15% by preventing warm air from escaping to the outside. Double glazed and thermopane windows, or even clear plastic across windows can minimize heat escape.
- Any small openings in a home can add up to big heat losses. Caulking and weatherstripping cracks in walls and floors, windows and doors will save fuel and money. Keeping the fireplace damper closed tightly when not in use will also result in heating cost savings.
- Letting sunlight in by opening curtains, blinds and shades over windows facing the sun helps keep your home warm and reduces heating needs. At night or when the sky is overcast, keeping drapes and curtains closed will help keep the warmth indoors.
- Dry air makes you feel colder than moist air at the same temperature. Maintaining home humidity will produce personal comfort at a lower thermostat setting and save money. Shallow pans of water near radiator tops or near warm air vents, or a room humidifier, will help raise humidity levels.
- Keeping your heating thermostat at the lowest temperature comfortable for you will save on heating costs.

 Insulate heating hot air ducts and hot water pipes that provide heat to the rooms in your home. This will reduce heat loss in areas that are not insulated and will help your heating system work more efficiently.

# **Cooling Tips**

- Make sure your air conditioner is the proper size for the area you are cooling. The wrong size air conditioner will use more electricity and increase your energy bills. A unit that is too large for a given area will cool the area too quickly, causing the air conditioner to frequently turn itself on and off. If a unit shuts off quickly, chances are it hasn't been running long enough to reduce the room's humidity and you'll be uncomfortable. If your air conditioner is too small, it will run constantly on hot days without ever achieving good results.
- Regular maintenance will ensure that your air conditioner operates efficiently throughout the summer. Check the filter once a month by holding it up to a bright light. If you can't see through it, it's time to clean or replace the filter. You can also check your owner's guide to find out how to safely clean the condenser coils and fins on the outside of the unit.
- You can save on cooling costs by avoiding cooling rooms that are not occupied. If you like your home to be cool when you come home at the end of the day, special automatic timers for air conditioners are available that will turn the unit on before you arrive home.
- On hot summer days, the temperature in your attic can reach 150 degrees. Improving the ventilation or increasing the insulation in your attic will lower the temperature of the entire house and make your air conditioner's job a lot easier. Installing an attic fan that is controlled by a thermostat to exhaust the hot air or increasing the insulation factor in your attic can greatly improve the comfort of your home.

- Depending on the size of your home, you can save 3% on your cooling costs for every degree you raise your thermostat in the summer. Raising the thermostat from 73 to 78 degrees can mean savings of up to 15 percent in cooling costs.
- Fans can make your air conditioner's job easier while saving you money. Pedestal and ceiling fans improve the air circulation in your home, allowing you to raise the air conditioner's thermostat. In moderate heat, fans can sometimes completely replace air conditioners. Ceiling fans use only about one tenth the electricity of a typical home air conditioner.
- To stay more comfortable during the hottest hours of the day, do your cooking, laundry and bathing in the early morning or late evenings. These activities all increase the level of humidity in your home, making it less comfortable and forcing the air conditioner to work even harder. If other heat generating appliances, such as irons, ovens and blow dryers are used only in the early morning or late evening, your home will stay cooler.
- Drapes, shades and awnings shield windows from the hot sun, keeping your home cooler. Your storm windows also come in handy during the summer since they keep cool air in and hot air out. Weatherstripping and caulking windows and door frames will also keep cool air from leaking out. Certain reflective films can be used on windows to screen out the hot rays of the sun without reducing the amount of light you receive. Shutting doors and windows will allow your air conditioner to operate more efficiently.



- Select energy-efficient equipment when you buy new heating and cooling equipment. Your contractor should be able to give you energy fact sheets for different types, models, and designs to help you compare energy usage. Look for high Annual Fuel Utilization Efficiency (AFUE) ratings and the Seasonal Energy Efficiency Ratio (SEER). The national minimums are 78 percent AFUE and 10 SEER.
- Look for the ENERGY STAR labels. ENERGY STAR is a program of the U.S. Department of Energy and the Environmental Protection Agency designed to help consumers identify energy-efficient appliances and products.

### **Duct Tips**

- Check your ducts for air leaks. First look for sections that should be joined but have separated and then look for obvious holes.
- Remember that insulating ducts in the basement will make the basement colder. If both the ducts and the basement walls are uninsulated, consider insulating both.
- If your basement has been converted to a living area, install both supply and return registers in the basement rooms.
- Be sure a well-sealed vapor barrier exists on the outside of the insulation on cooling ducts to prevent moisture buildup.
- Get a professional to help you insulate and repair all ducts.

### **Heat Pump Tips**

- Do not set back the heat pump's thermostat manually if it causes the electric resistance heating to come on. This type of heating, which is often used as a backup to the heat pump, is more expensive.
- Clean or change filters once a month or as needed, and maintain the system according to manufacturer's instructions.

### **Solar Tips**

- Keep all south-facing glass clean.
- Make sure that objects do not block the sunlight shining on concrete slab floors or heat-absorbing walls.
- Consider using insulating curtains to reduce excessive heat loss from large windows at night.

# Fireplace Tips

- If you never use your fireplace, plug and seal the chimney flue.
- Keep your fireplace damper closed unless a fire is going. Keeping the damper open is like keeping a 48-inch window wide open during the winter; it allows warm air to go right up the chimney.
- When you use the fireplace, reduce heat loss by opening dampers in the bottom of the firebox (if provided) or open the nearest window slightly-approximately 1 inch-and close doors leading into the room. Lower the thermostat setting to between 50 and 55 degrees.
- Install tempered glass doors and a heat-air exchange system that blows warmed air back into the room.
- Check the seal on the flue damper and make it as snug as possible.
- Add caulking around the fireplace hearth.
- Use grates made of C-shaped metal tubes to draw cool room air into the fireplace and circulate warm air back into the house.

### **Cooling Tips**

- Whole-house fans help cool your home by pulling cool air through the house and exhausting warm air through the attic. They are effective when operated at night and when the outside air is cooler than the inside air.
- Set your thermostat as high as comfortably possible in the summer. The less difference between the indoor and outdoor temperatures, the lower your overall cooling bill will be.

- Don't set your thermostat at a colder setting than normal when you turn on your air conditioner. It will not cool your home any faster and could result in excessive cooling and unnecessary expense.
- Consider using an interior fan in conjunction with your window air conditioner to spread the cooled air more effectively through your home without greatly increasing your power use.
- Don't place lamps or TV sets near your air-conditioning thermostat. The thermostat senses heat from these appliances, which can cause the air conditioner to run longer than necessary.
- Plant trees or shrubs to shade air-conditioning units but not to block the airflow. A unit operating in the shade uses as much as 10% less electricity than the same one operating in the sun.

### **Insulation Tips**

- Consider factors such as your climate, building design and budget when selecting insulation for your home.
- Use higher density insulation, such as rigid foam boards, in cathedral ceilings and on exterior walls.
- Ventilation plays a large role in providing moisture control and reducing summer cooling bills. Attic vents can be installed along the entire ceiling cavity to help ensure proper airflow from the soffit to the attic, helping to make your home more comfortable and energy efficient.
- Recessed light fixtures can be a major source of heat loss, but you need to be careful how close you place insulation next to a fixture unless it is marked. "I.C." means that the fixture is designed for direct insulation contact. Check your local building codes for recommendations.
- When installing insulation, follow the product instructions on installation and wear the proper protective gear.

### **Weatherization Tips**

- First, test your home for air tightness. On a windy day, hold a lit incense stick next to your windows, doors, electrical boxes, plumbing fixtures, electrical outlets, ceiling fixtures, attic hatches and other locations where there is a possible air path to the outside. If the smoke stream travels horizontally, you have located an air leak that may need caulking, sealing or weatherstripping.
- Caulk and weatherstrip doors and windows that leak air.
- Caulk and seal air leaks where plumbing, ducting, or electrical wiring penetrates through exterior walls, floors, ceilings and soffits over cabinets.
- Install rubber gaskets behind outlet and switch plates on exterior walls.
- Look for dirty spots in your insulation, which often indicate holes where air leaks into and out of your house. You can seal the holes by stapling sheets of plastic over the holes and caulking the edges of the plastic.
- Install storm windows over single-pane windows or replace them with double-pane windows. Storm windows as much as double the R-value of single-pane windows and they can help reduce drafts, water condensation, and frost formation. As a less costly and less permanent alternative, you can use a heavy-duty, clear plastic sheet on a frame or tape clear plastic film to the inside of your window frames during the cold winter months. Remember, the plastic must be sealed tightly to the frame to help reduce infiltration.
- When the fireplace is not in use, keep the flue damper tightly closed. A chimney is designed specifically for smoke to escape, so until you close it, warm air escapes-24 hours a day.
- For new construction, reduce exterior wall leaks by either installing house wrap, taping the joints of exterior sheathing,

### **Water Heating Tips**

• The water heater is the second largest energy consumer in the home and using it efficiently can add up to big savings. For families with an automatic

dishwasher, the hot water heater setting can safely be lowered to 130-140 degrees. If the automatic dishwasher has a water temperature booster, the water heater temperature can be set to 110-120 degrees. If your house will be vacant for two or more days, you can lower the temperature of your water heater even more until you return. If you have a new water heater, drain a few gallons from your tank every six months to remove sediment that accumulates and reduces the heater's efficiency. If you only use your hot water once or twice a day, you may consider installing a timer on your hot water heater and set it up to run two hours in the morning and the evening.

- Repair leaky faucets promptly; a leaky faucet wastes gallons of water in a short period.
- Insulate your electric hot-water storage tank and pipes, but be careful not to cover the thermostat.
- Insulate your gas or oil hot-water storage tank and pipes, but be careful not to cover the water heater's top, bottom, thermostat or burner compartment; when in doubt, get professional help.
- Install nonaerating low-flow faucets and shower-heads.
- Lower the thermostat on your water heater; water heaters sometimes come from the factory with high temperature settings, but a setting of 115 degrees F provides comfortably hot water for most uses.



- Drain a quart of water from your water tank every 3 months to remove the sediment that impedes heat transfer and lowers the efficiency of your heater. The type of water tank you have determines the steps to take, so follow the manufacturer's advice.
- If you heat with electricity and live in a warm and sunny climate, consider installing a solar water heater. The solar units are environmentally friendly and can now be installed on your roof to blend with the architecture of your house.
- Take more showers than baths. Bathing uses the most hot water in the average household. You use 15 to 25 gallons of hot water for a bath, but less than 10 gallons during a 5-minute shower.
- Water heating is the third largest energy expense in your home, typically accounting for about 14 percent of your utility bill. Shorter showers, more efficient showerheads and lowering the thermostat on your water heater can help to decrease this expense.
- Consider the installation of a drain water waste heat recovery system.
- Wrapping a fiberglass blanket around your water heater and securing it with duct tape, or installing a ready-made insulation kit can save up to 10 percent on water heating costs. Most new water heaters are already insulated, so this tip is most effective for heaters that are more than five years old. Also, insulate hot water pipes to reduce heat loss as the hot water is flowing to your faucets.

# **Warm-Climate Window Tips**

- Install white window shades, drapes or blinds to reflect heat away from the house.
- Close curtains on south- and west-facing windows during the day.
- Install awnings on south- and west-facing windows.
- Apply sun-control or other reflective films on southfacing windows.

# Landscaping Tips (Dependent on Geographic Area)

- Trees that lose their leaves in the fall (i.e., deciduous) are the most effective at reducing heating and cooling energy costs. When selectively placed around a house, they provide excellent protection from the summer sun, but permit winter sunlight to reach and warm your house. The height, growth rate, branch spread and shape are all factors to consider in choosing a tree.
- Vines provide shading and cooling. Grown on trellises, vines can shade windows or the side of a house.
- Deflect winter winds by planting evergreen trees and shrubs on the north and west sides of your house; deflect summer winds by planting on the south and west sides of your house.

# **Indoor Lighting Tips**

- Lighting accounts for about 15 percent of a home's electric use. New screw-in fluorescent bulbs can replace the incandescent ones most of us use. Fluorescent bulbs are more expensive, but they last 10 times longer and use 75 percent less electricity.
- Turn off the lights in any room you are not using and consider installing timers, photo cells or occupancy sensors to reduce the amount of time your lights are on.
- Use task lighting; instead of brightly lighting an entire room, focus the light where you need it. For example, use fluorescent under-cabinet lighting for kitchen sinks and countertops.
- Consider three-way lamps. They make it easier to keep lighting levels low when bright light is not necessary.
- Use four foot fluorescent fixtures with reflective backing, and electronic ballasts for your workroom, garage and laundry areas.
- Consider using four watt mini-fluorescent or electro-luminescent night lights. Both lights are much more efficient than their incandescent counterparts, and the luminescent lights are cool to the touch.

- If you prefer incandescent bulbs, try to use "energy saver" bulbs. These bulbs use halogen gases that allow the filament to burn brighter while consuming less electricity.
- A lot of energy can be saved by matching light bulb wattage to lighting needs. For example, a high wattage reading light in a hallway or alcove is not energy efficient.
- You can save by turning off incandescent lights when you leave the room. If you use fluorescent lighting, however, turn them off only if you'll be gone longer than 15 minutes. Fluorescent lights use as much energy in starting as they use during 15 minutes of operation, so it's not worthwhile to turn them off for brief periods.
- Lighting controls or timers can help save energy dollars, too. Timers can be set to turn lights on or off at predetermined times while photocell controls are sensitive to light. Timers also can be used to turn lamps on and off at sundown and sunrise. Dimmers can vary the level of illumination according to how much light you may want in a given situation.
- Keeping lights and fixtures clean can improve efficiency as much as 20 percent. Take advantage of reflected light by keeping portable fixtures as close as possible to light colored walls or other surfaces. These easy steps may reduce the number and wattage of bulbs you need and help you save on your energy bills.



# **Compact Fluorescent Bulbs (CFL)**

- These compact fluorescent bulbs are four times more energy efficient than incandescent bulbs, while providing the same lighting. Use CFLs in all the portable table and floor lamps in your home. Carefully consider the size and fit of these systems when you select them. Some home fixtures may not accommodate some of the larger CFLs.
- When shopping for new light fixtures, consider buying dedicated compact fluorescent fixtures with builtin ballasts that use pin-based replacement bulbs.
- For spot lighting, consider CFLs with reflectors. The lamps range in wattage from 13-watt to 32-watt and provide directed light using a reflector and lens system.
- Take advantage of daylight by using light-colored, loose-weave curtains on your windows to allow daylight to penetrate the room while preserving privacy. Also, decorate with lighter colors that reflect daylight.
- If you have torchiere fixtures with halogen lamps, consider replacing them with compact fluorescent torchieres. Compact fluorescent torchieres use 60% to 80% less energy and can produce more light (lumens) than the halogen torchieres.

# **Outdoor Lighting Tips**

- Use outdoor lights with a photocell unit or a timer so they will turn off during the day.
- Turn off decorative outdoor gas lamps. Just eight gas lamps, burning year round, use as much natural gas as it takes to heat an average-size home during an entire winter.
- Exterior lighting is one of the best places to use CFLs because of their long life. If you live in a cold climate, be sure to buy a lamp with a cold-weather ballast.

# **Dishwasher Tips**

- Check the manual that came with your dishwasher for the manufacturer's recommendations on water temperature; many have internal heating elements that allow you to set the water heater to a lower temperature.
- Scrape off (don't rinse off) large food pieces and bones. Soaking or prewashing is generally only recommended in cases of burned-on or dried-on food.
- Be sure your dishwasher is full, but not overloaded.
- Don't use the "rinse hold" function on your machine for just a few soiled dishes. That function uses 3 to 7 gallons of hot water each time you use it.
- Let your dishes air dry. If you don't have an automatic air-dry switch, turn off the control knob after the final rinse and prop the door open a little so the dishes will dry faster.

### **Refrigerator/Freezer Energy Tips**

- Don't keep your refrigerator or freezer too cold. Recommended temperatures are 37 to 40 degrees F for the fresh food compartment of the refrigerator, and five degrees F for the freezer section. If you have a separate freezer for long-term storage, it should be kept at 0 degrees F.
- To check the refrigerator temperature, place an appliance thermometer in a glass of water in the center of the refrigerator. Read it after 24 hours. To check the freezer temperature, place a thermometer between frozen packages. Read it after 24 hours.
- Regularly defrost manual-defrost refrigerators and freezers. Frost buildup increases the amount of energy needed to keep the motor running. Don't allow frost to build up more than one-quarter of an inch.
- Make sure your refrigerator door seals are airtight. Test them by closing the door over a piece of paper or a dollar bill so that the paper or bill is half in and half out of the refrigerator. If you can pull the paper or bill out easily, the latch may need adjustment or the seal may need replacing.

- Cover liquids and wrap foods stored in the refrigerator. Uncovered foods release moisture and make the compressor work harder.
- Like other appliances that heat and cool, refrigerators are big energy users. If your refrigerator door does not shut tightly, check the door seal to see if it needs to be cleaned or replaced. A door leak allows cool air to escape, forcing your refrigerator to use more energy to keep food cold.
- Cleaning the condenser coils found in the back or bottom of the refrigerator will maximize its efficiency. A brush or vacuum can be used. Be sure to unplug the refrigerator before you start cleaning.
- Keep the refrigerator away from heating appliances (ovens and dishwashers), windows and heating ducts. Direct exposure to heat forces the unit to work harder and use more energy. If you have a freezer or refrigerator in your garage, remember that the garage is not cooled and it will run more to keep cool.
- When purchasing a new refrigerator, consider a high efficiency model. Compare yellow Energy Guide labels and choose the unit that uses the least amount of electricity.
- A freezer's efficiency is increased by keeping its compartment full. Be careful not to block the fan that allows cold air to circulate.

### **Kitchen Tips**

- Be sure to place the faucet lever on the kitchen sink in the "cold" position when using small amounts of water. Placing the lever in the "hot" position uses energy to heat the water, even though it never reaches the faucet.
- In gas appliances, look for blue flames. Yellow flames indicate that the gas is burning inefficiently and an adjustment may be needed. Consult your manufacturer or your local utility.
- Keep range-top burners and reflectors clean. They will reflect the heat better, and you will save energy.
- Use a covered kettle or pan to boil water. It is faster and it uses less energy.

- Match the size of the pan to the size of the heating element.
- If you cook with electricity, turn the stovetop burners off several minutes before the allotted cooking time. The heating element will stay hot long enough to finish the cooking without using more electricity. The same principle applies to oven cooking.
- Use small electric pans or toaster ovens for small meals, rather than your large stove or oven. A toaster oven uses a third to half as much energy as a fullsized oven.
- Use pressure cookers and microwave ovens whenever it is convenient to do so. They can save energy by significantly reducing cooking time.
- A microwave oven is an energy efficient alternative to a conventional oven. It cooks food more quickly and it uses 70-80% less electricity than a regular oven.
- If you do use a conventional oven, try to avoid "peeking" by opening the oven door. Each "peek" can lower the oven temperature by 25 degrees. Use a toaster oven to cook small items.
- When preparing a meal in your oven, try to use foods that are cooked at about the same temperature. That way your oven can cook several dishes at the same time.

# **Laundry Tips**

- Wash your clothes in cold water using cold-water detergents whenever possible.
- Wash and dry full loads. If you are washing a small load, use the appropriate water-level setting.
- Dry towels and heavier cottons in a separate load from lighter-weight clothes.
- Don't over-dry your clothes. If your machine has a moisture sensor, use it.
- Clean the lint filter in the dryer after every load to improve air circulation.
- Use the cool-down cycle to allow the clothes to finish drying with the residual heat in the dryer.

• Periodically inspect your dryer vent to ensure it is not blocked. This will save energy and may prevent a fire. Manufacturers recommend using rigid venting material, not plastic vents that may collapse and cause blockages.

Look for the ENERGY STAR and EnergyGuide labels.

### In Your Car

- Avoid rapid acceleration to reduce fuel consumption.
- Avoid hard braking and sudden stops. Stay alert and anticipate traffic lights, stop signs and merges.
- Use turn signals. Traffic will move more smoothly, which saves fuel for everyone.
- When starting out, shift up to the next gear (manual transmission) as soon as possible without straining the engine.
- Drive more slowly. One study reported that for all vehicles tested there was at least a 20 percent loss in fuel economy as cruising speed was increased from 55 to 75 mph. So, 20 miles per gallon (mpg) at 55 mph becomes 16 mpg or less at 75 mph.
- Remove extra weight from the car; 100 extra pounds may cost 1 mpg.



- Avoid using roof racks and remove when not in use.
- Use cruise control on highway trips.
- For any stop lasting more than a minute, shut off the engine rather than letting it idle.
- Avoid warming the engine up before driving; it is not necessary, even in cold weather.
- Do not rev engine before shutting it off; this wastes fuel and can dilute motor oil, leading to excessive wear on engine parts.
- Reduce the use of the air conditioner at low driving speeds. Driving over 40 mph with the air conditioner on costs less fuel than having windows open.
- Park in the shade and/or leave windows slightly open to reduce the need for air conditioning.
- Check tires; an under-inflated tire can decrease fuel economy by 2%.

### **Fuel and Maintenance**

- Refrain from topping off the tank at the gas pumps.
- Replace air and fuel filters regularly as instructed by the vehicle maintenance manual; change air filters more often if driving in dusty conditions.
- Keep engine properly tuned.
- Use API certified "Energy Conserving" motor oil, either conventional or synthetic. Use the service classification and viscosity specified for the vehicle.
- Avoid buying "aggressive" tread tires.
- Determine gasoline mileage periodically. Declining mileage can be an early indicator of mechanical problems or a need for servicing.

### Trips, Errands, Commuting, Vacations

- Carpool, if possible, for traveling to work or for errands.
- Combine errands to reduce the number of trips.

- For shorter errands, consider walking or bicycling.
- Try to take one less car trip per week.
- Consider shorter vacation and recreation trips; learn what's special in nearby nature, culture and history.

### **Laundry Tips**

- Ninety percent of the energy your washer uses goes toward heating water. You can save energy dollars by using hot water only for heavily soiled laundry. Most laundry can be washed in warm water and lightly soiled loads can be washed in cold water. You can also save by using cold water rinses for each load, because the temperature of the water used during the rinse cycle will not make your clothes any cleaner.
- Run the washer only when you have a full load of laundry. This saves energy and water.
- If you have more than one load of clothes to dry, try to do each load immediately after one another. This will use the heat left over from the previous cycle and increase the efficiency of the dryer.
- If you're in the market for a new clothes dryer, consider purchasing one with a "moisture sensing" device that shuts off automatically when your clothes are dry so the dryer doesn't run longer than needed.
- You can reduce drying time and energy use by setting your timer carefully. Over-drying your clothes uses more energy than necessary, and shortens the life of the fabric. Other side effects include shrinkage and static cling.
- Drying heavy and light fabrics separately will also keep drying time to a minimum. Mixing different weight fabrics causes the dryer to run longer than necessary.
- Remember to check the lint filter before each load. Lint buildup blocks air flow and lengthens drying time, costing you energy dollars.

Tips provided by: The Florida Department of Environmental Protection, Earth 911, Redding Electric Utility and Louisiana Department of Environmental Quality staff.